

Work Order ID 161377

Monday, May 15, 2017 11:13:53 AM

161377

Page 1

Item ID: D350-607-431

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017 Start Qty: 2.00

2

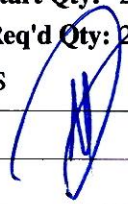
Cust Item ID:

Required Date: 5/25/2017 Req'd Qty: 2.00

2

Customer:

Reference: SCHEDULED/S

Approvals: Process Plan:  Date: MAY 15 2017

Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
DSI9699	A
IIN-D350-607-4	C

MAY 16 2017

DAS
6
9-89

110

Document Control

0.00

110

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-607-431 CHG003

3 **DAS 28**
9-89 MAY 18 2017

120

Pick Kit

0.00

120

Packaging

Memo

0.00

Packaging

3 **DAS 6**
9-89 MAY 17 2017 **DAS 27**
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process	OTHER :							
Misidentified ☐	☐	Past Due								

Work Order ID 161377***161377***

Page 2

Item ID: D350-607-431

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017 Start Qty: 2.00 ***2***

Cust Item ID:

Required Date: 5/25/2017 Req'd Qty: 2.00 ***2***

Customer:

Reference: SCHEDULED/S

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

130

QC4- 100% Inspect kits for completeness

0.00

130

QC

Memo

0.06

Quality Control

3	DAS 28 9-89	MAY 18 2017
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140

Identify as per dwg & Stock Location: _____

0.00

140

Packaging

Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D350-607-431
Location: FG128 **X2****1 X sold**

3	DAS 28 9-89	MAY 18 2017
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150

QC21- Final Inspection - Work Order Release

0.00

150

QC

Memo

0.20

Quality Control

	DAS 21 9-89	MAY 18 2017
	DAS 21 9-89	MAY 18 2017

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Misidentified ☐	Past Due ☐																																																																

Picklist Print

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Page 1

Work Order ID: 161377

161377

Parent Item: D350-607-431

D350-607-431

Parent Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017

Required Date: 5/25/2017

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 13.12.30 NEW ISSUE DD VERF: RQ IPP
REV:B 14.02.03 D350-607-4 REV.C DD VERF:JLM IPP REV:C
14.06.10 AS PER ECN14-572 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3910-7 *D.3910-7* Crosstube Lug		Manufactured	No			120	Each	33.0000	1 **	23 MAY 17 2017		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST520				20					
				159716				20					
				ST524				13					
				154446				13					
D3501-1 *D.3501-1* Bushing		Manufactured	No			120	Each	309.0000	8 **	16-24 MAY 17 2017		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST037				107					
				157301				107					
				ST038A				202					
				152871				0					
				159311				202					
D3910-5 *D.3910-5* Crosstube Lug		Manufactured	No			120	Each	34.0000	1 **	23 MAY 17 2017		DAS 6 9-89	DAS 27 9-89
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST524				34					
				154445				14					
				159715				20					

DQA: _____ Date: _____



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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
SAC TS OR.6 SAC TS OR.6								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐				
OTHER : ☐									

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Work Order ID: 161377

161377

Parent Item: D350-607-431

D350-607-431

Parent Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017

Required Date: 5/25/2017

Start Qty: 2.00

Required Qty: 2.00

D3984

Manufactured No

120 f

85.0000

2

D3984-030

Rubber Extrusion, Crosstube (\$ per foot)

**

156579

MAY 17 2017

DAS 6 9-89

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST413

0.5

139666

0.5

ST625

84.5

140331

84.5

(D3984-030) CUT QTY OF 8 AT 3.00"

D4775-041

Manufactured No

120 Each

28.0000

2

D4775-041

Strut Assembly

**

46

MAY 17 2017

DAS 6 9-89

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST357

28

156479

8

160077

20

D4776-3

Manufactured No

120 Each

39.0000

2

D4776-3

Skidtube Clevis

**

46

MAY 17 2017

DAS 6 9-89

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST124

39

156931

19

158633

20

D4917-300

Manufactured No

120 Each

16.0000

1

D4917-300

Placard, Max Load

**

23

MAY 17 2017

DAS 6 9-89

DAS 27 9-89

DAS 28 9-89

Location

Loc Qty

Loc Code

ST137

16

154452

4

157454

6

160142

6

12/23/2017

3/7/2018

5/4/2018

3

Monday, May 15, 2017 11:13:52 AM

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Page 2

DQA: _____ Date: _____



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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
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Work Order ID: 161377

161377

Parent Item: D350-607-431

D350-607-431

Parent Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017

Required Date: 5/25/2017

Start Qty: 2.00

Required Qty: 2.00

D4917-310

Manufactured No

120

Each

10.0000

1 23
**

MAY 17 2017

DA 6
27
9-89

D4917-310

Placard, Max Load

DAS 28
9-89

Location

Loc Qty

Loc Code

ST137

10

138938

10

D4917-315

Manufactured No

120

Each

9.0000

1 23
**

MAY 17 2017

DAS 6
27
9-89

D4917-315

Placard, Max Load

DAS 28
9-89

Location

Loc Qty

Loc Code

ST137

3

153295

3

11/25/2017

ST337

6

156735

6

2/22/2018

D4917-320

Manufactured No

120

Each

18.0000

1 23
**

MAY 17 2017

DAS 6
27
9-89

D4917-320

Placard, Max Load

DAS 28
9-89

Location

Loc Qty

Loc Code

ST137

18

153296

6

11/25/2017

160143

12

5/4/2018

D4917-332

Manufactured No

120

Each

10.0000

1 23
**

MAY 17 2017

DAS 6
27
9-89

D4917-332

Placard, Max Load

DAS 28
9-89

Location

Loc Qty

Loc Code

ST137

4

147809

4

ST337

6

156736

6

2/22/2018

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Work Order ID: 161377

161377

Parent Item: D350-607-431

D350-607-431

Parent Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017

Required Date: 5/25/2017

Start Qty: 2.00

Required Qty: 2.00

AN4-14A	Purchased	No	120	Each	399.0000	12	24 MAY 19 2017	DAS 6 9-89	DAS 27 9-89																					
AN4-14A						**																								
Bolt																														
DAS 28 9-89																														
<table><tr><th>Location</th><th>Loc Qty</th><th>Loc Code</th></tr><tr><td>FG</td><td>5</td><td></td></tr><tr><td>122141</td><td>5</td><td></td></tr><tr><td>ST344</td><td>394</td><td></td></tr><tr><td>M137371</td><td>394</td><td></td></tr></table>										Location	Loc Qty	Loc Code	FG	5		122141	5		ST344	394		M137371	394							
Location	Loc Qty	Loc Code																												
FG	5																													
122141	5																													
ST344	394																													
M137371	394																													
AN4-42A	Purchased	No	120	Each	108.0000	4	30 8/12	DAS 6 9-89	DAS 27 9-89																					
AN4-42A						**																								
Bolt																														
DAS 28 9-89																														
<table><tr><th>Location</th><th>Loc Qty</th><th>Loc Code</th></tr><tr><td>over003</td><td>80</td><td></td></tr><tr><td>M136148</td><td>0</td><td></td></tr><tr><td>M137371</td><td>80</td><td></td></tr><tr><td>ST341</td><td>28</td><td></td></tr><tr><td>M136665</td><td>8</td><td></td></tr><tr><td>M136838</td><td>20</td><td></td></tr></table>										Location	Loc Qty	Loc Code	over003	80		M136148	0		M137371	80		ST341	28		M136665	8		M136838	20	
Location	Loc Qty	Loc Code																												
over003	80																													
M136148	0																													
M137371	80																													
ST341	28																													
M136665	8																													
M136838	20																													
AN6-13A	Purchased	No	120	Each	70.0000	2	46	DAS 6 9-89	DAS 27 9-89																					
AN6-13A						**																								
BOLT																														
DAS 28 9-89																														
<table><tr><th>Location</th><th>Loc Qty</th><th>Loc Code</th></tr><tr><td>ST335</td><td>40</td><td></td></tr><tr><td>m136851</td><td>20</td><td></td></tr><tr><td>m137464</td><td>20</td><td></td></tr><tr><td>ST355</td><td>30</td><td></td></tr><tr><td>m137391</td><td>30</td><td></td></tr></table>										Location	Loc Qty	Loc Code	ST335	40		m136851	20		m137464	20		ST355	30		m137391	30				
Location	Loc Qty	Loc Code																												
ST335	40																													
m136851	20																													
m137464	20																													
ST355	30																													
m137391	30																													

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Shop Packet Print

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DQA: _____ Date: _____



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QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Monday, May 15, 2017 11:13:52 AM

Page 5

Work Order ID: 161377

161377

Parent Item: D350-607-431

D350-607-431

Parent Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017

Required Date: 5/25/2017

Start Qty: 2.00

Required Qty: 2.00

MS21042L4

Purchased

No

120

Each

2,792.000

16

32

48

MS21042L4

**

Nut

Location

Loc Qty

Loc Code

FP001

10

m133363

10

GA

148

m135058

148

OVER007

1400

m137371

1000

m137402

400

ST303

1234

m137321

1234

MAY 17 2017

DAS
6
9-89

DAS
28
9-89

MS21042L6

Purchased

No

120

Each

246.0000

2

4

6

MS21042L6

**

Nut

Location

Loc Qty

Loc Code

OVER007

100

m137361

100

ST303

100

137459

50

m137075

50

ST313

46

m136986

46

MAY 17 2017

DAS
6
9-89

DAS
27
9-89

DAS
28
9-89

48

6

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
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Misidentified ☐	Past Due ☐																																																																

Picklist Print

Monday, May 15, 2017 11:13:52 AM

Work Order ID: 161377

161377

Parent Item: D350-607-431

D350-607-431

Parent Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017

Required Date: 5/25/2017

Start Qty: 2.00

Required Qty: 2.00

NAS1149F0432P

Purchased

No

120

Each

2,201.000

24

48

72

NAS1149F0432P

WASHER

**

MAY 17 2017

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST260a

2000

M137361

1000

M137412

1000

ST262

201

M136442

201

NAS1149F0663P

Purchased

No

120

Each

126.0000

4

72

8

12

NAS1149F0663P

WASHER

**

MAY 17 2017

DAS
6
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST2622

126

M136263

126

DAS
28
9-89

DAS
28
9-89

72

12

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-3 Rev.D,
INSTALLATION INSTRUCTIONS D350-607-4 Rev. C AND
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 6
REF TCCA STC: SH94-14
REF FAA STC: SR00213NY
REF EASA STC: EASA.10016996
REF BRAZILIAN STC: 2007S03-03/-04/-05/-06

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 161377

1.0 PURPOSE

This service instruction provides parts and instructions to facilitate installation of forward Basket Strut for customers that have purchased: D350-607-501 Conversion Kit @ CHG 004, D350-607-511 Quick Release Basket Mounting Kit @ CHG 004, D350-607-541 @ CHG 006, D350-607-543 @ CHG 007, D350-607-545 @ CHG 006, D350-607-547 @ CHG 007 Heli-Utility-Baskets as well as the D350-607-431 Strut Retrofit Kit and the D350-607-641 Long Cargo Tube @ CHG 001.

2.0 PARTS LIST:

Modify the quantities for D3910-5 and add D3910-7 as follows:

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET @ CHG 007 OR LATER
	X					D350-607-543	HELI-UTILITY-BASKET @ CHG 008 OR LATER
		X				D350-607-545	HELI-UTILITY-BASKET @ CHG 007 OR LATER
			X			D350-607-547	HELI-UTILITY-BASKET @ CHG 005 OR LATER
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
					X	D350-607-501	CONVERSION KIT @ CHG 005 OR LATER
				1	1	D3910-5	X-TUBE LUG
				1	1	D3910-7	X-TUBE LUG

(ADD)

QTY -413	QTY -415	QTY -417	QTY -419	QTY -431	PART NUMBER	DESCRIPTION
X					D350-607-413	HEAVY DUTY LID KIT (LONG)
	X				D350-607-415	HEAVY DUTY LID KIT (SHORT)
		X			D350-607-417	LIGHTWEIGHT LID KIT (LONG)
			X		D350-607-419	LIGHTWEIGHT LID KIT (SHORT)
				X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
				1	D3910-5	X-TUBE LUG
				1	D3910-7	X-TUBE LUG

(ADD)

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
X				D350-607-641	QUICK RELEASE LONG CARGO TUBE
1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT @ CHG 005 OR LATER
			X	D350-607-431	STRUT RETROFIT KIT @ CHG 005 OR LATER
		1	1	D3910-5	X-TUBE LUG
		1	1	D3910-7	X-TUBE LUG

(ADD)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.05.16
CERT. NO.: SH94-14
ISSUE NO.: 6

A	NEW ISSUE	AJS	14.05.16
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		LUG REPLACEMENT	NTS
DATE	14.05.16	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

3.0 PROCEDURE:

Install the D350-607-501 Conversion Kit, D350-607-511 Quick Release Mounting Kit or D350-607-431 Strut retrofit kit per Installation Instructions D350-607-3 Rev. D or D350-607-4 Rev. C. While installing the Forward Strut perform the following:

- 3.1 Substitute the Forward Lower D3910-5 X-Tube Lug with the D3910-7 X-Tube Lug as shown in Figure 1.
- 3.2 Install the forward D4775-041 Strut Assembly. Transfer mark from the upper hole on the clevis of the D4775-041 Strut Assembly to the D3910-7 X-tube Lug and drill thru the lug $\varnothing 0.257$ - $\varnothing 0.261$ as shown in Figure 1. Touch up chemical conversion coating per MIL-DTL-5541. Check the witness holes located at the bottom end of the D4775-041 Strut Assemblies to ensure that the thread from the rod end extends past the witness hole.
Torque MS21042L4/-4 nuts to 50-70 in-lbs (5.7-7.9 N-m). Torque MS21042L6/-6 nuts to 160-190 in-lbs (18.1-21.5 N-m).
- 3.3 Complete the installation in accordance with Installation Instructions D350-607-3 Rev. D or D350-607-4 Rev. C.

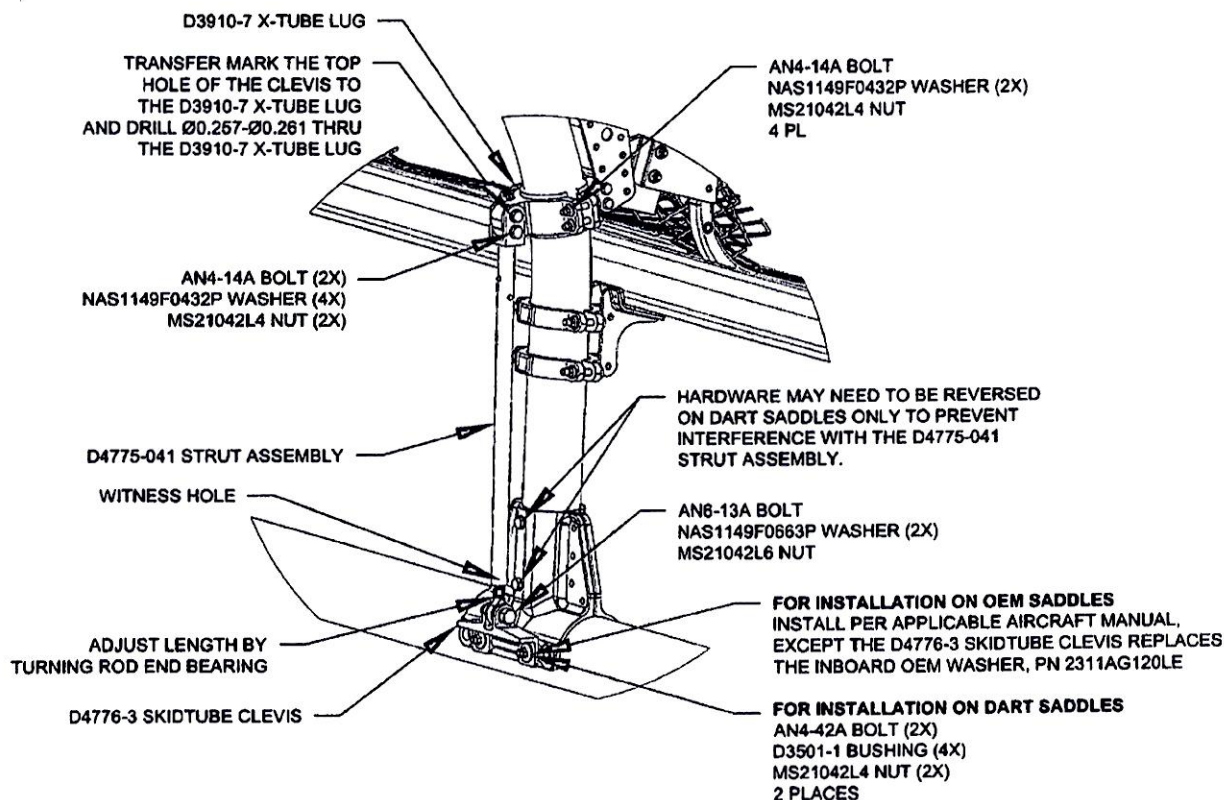


FIGURE 1: INSTALLATION OF D4775-041 FWD STRUT

4.0 WEIGHT AND BALANCE:

There is no weight and balance change associated with this update.

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	<i>[Signature]</i>
D. SHEPHERD (DE # 02)	
DATE:	14.05.16
CERT. NO.:	SH94-14
ISSUE NO.:	6

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9699	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	LUG REPLACEMENT	NTS
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5.0 PARTS LIST

QTY -641	QTY -611	QTY -511	QTY -431	PART NUMBER	DESCRIPTION
X				D350-607-641	QUICK RELEASE LONG CARGO TUBE
1	X			D350-607-611	LONG CARGO TUBE
1		X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
			X	D350-607-431	STRUT RETROFIT KIT
		8	8	D3501-1	BUSHING
		2		D3910-3	X-TUBE LUG
		2	2	D3910-5	X-TUBE LUG
	1			D3912-041	EYEBOLT RECEIVER ASSY
	4			D3917-3	WASHER
		8	4	D3984-030	RUBBER EXTRUSION, X-TUBE
		1		D4148-041	FWD X-TUBE LUG ASSY
		1		D4149-041	AFT X-TUBE LUG ASSY
	1			D4151-043	BASKET FWD HARDPOINT ASSY (UPPER)
		2	2	D4775-041	STRUT ASSEMBLY
		2	2	D4776-3	SKIDTUBE CLEVIS
	1			D4874-041	CARGO TUBE ASSEMBLY
	1			D4875-043	CARGO TUBE AFT STRUT
	1			D4875-045	FWD ATTACHMENT CLEVIS
			1	D4917-300	PLACARD MAX LOAD
			1	D4917-310	PLACARD MAX LOAD
			1	D4917-315	PLACARD, MAX LOAD
			1	D4917-320	PLACARD, MAX LOAD
			1	D4917-332	PLACARD, MAX LOAD
	1			D5028-041	PLUG ASSEMBLY
	1			D5031-041	LOCK PIN ASSY
	2			AN310-4	CASTLE NUT
	2			AN4-11	BOLT
	4			AN4-13A	BOLT
		20	12	AN4-14A	BOLT
		4	4	AN4-42A	BOLT
		2	2	AN6-13A	BOLT
	4	24	16	MS21042L4	NUT
		2	2	MS21042L6	NUT
	2			MS24665-151	COTTER PIN
	20	40	24	NAS1149F0432P	WASHER
		4	4	NAS1149F0663P	WASHER

WRITTEN PERMISSION FROM DART AEROSPACE LTD

REFERENCE ONLY

D350-607-4

Page 1 of 18



DART AEROSPACE LTD.

1270 Aberdeen Street
Hawkesbury, ON, K6A 1K7
CANADA

Tel: 1 613 632 5200

Fax: 1 613 632 5246

e-mail: heli@dartaero.com

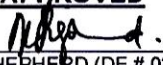
<http://www.dartaero.com>

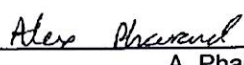
INSTALLATION INSTRUCTIONS

D350-607-4

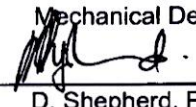
Quick Release Long Cargo Tube

EUROCOPTER AS 350/355 MODELS

CANADA DEPARTMENT OF TRANSPORT AIRCRAFT CERTIFICATION BRANCH DAO # 01-O-01	
APPROVED	
BY:	 D. SHEPHERD (DE # 02)
DATE:	14.01.02
CERT. NO.:	SH94-14
ISSUE NO.:	#6

Prepared By: 
A. Pharand
Mechanical Designer

Checked By: 
A. Stocker
Mechanical Designer

Released By: 
D. Shepherd, P. Eng.
Chief Engineer

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Revision: C
Date: 14.01.02

Work Order ID 161377

161377

Page 1

Monday, May 15, 2017 11:13:53 AM

Item ID: D350-607-431 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: AS350/AS355 Quick Release Basket Strut Retrofit

Start Date: 5/16/2017 Start Qty: 2.00 *P* 3
 Required Date: 5/25/2017 Req'd Qty: 2.00 *P*
 Reference: SCHEDULED/S

Approvals: Process Plan: [Signature] Date: MAY 15 2017 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9699	A								
IIN-D350-607-4	C								
110	Document Control	0.00							
110	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile & type labels per PPP D350-607-431 CHG003								
120	Pick Kit	0.00							
120									
Packaging	Memo	0.00							
Packaging									

MAY 16 2017

OAS

CB

③

MAY 17 2017



Transport Canada Transports Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
Canada K6A 1K7

Number: SH94-14

Issue No.: 7

Approval Date: May 20, 1994

Issue Date: April 29, 2015

Responsible Office:

Prairie and Northern

Aircraft/Engine Type or Model:

Airbus Helicopters AS 350 B, B1, B2, B3, BA, D; AS 355 E, F, F1, F2, N, NP; EC 130 B4 and T2.

Canadian Type Certificate or Equivalent:

H-83 (AS 350 Series, EC 130 B4 and T2)
H-87 (AS 355 Series)

Description of Type Design Change:

Heli-Utility Basket and Long Cargo Tube Installation

**Installation/Operating Data,
Required Equipment and Limitations:**

AS 350/355 models

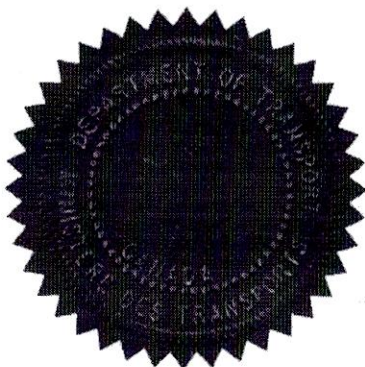
Installation of the Heli-Utility Basket and Long Cargo Tube kits must be in accordance with Transport Canada Civil Aviation (TCCA) approved Dart Aerospace Ltd. D350-607 Revision J, dated December 6, 2013 or later TCCA approved revision.

Maintenance of the Heli-Utility Basket and Long Cargo Tube kits must be in accordance with TCCA accepted Dart Aerospace Ltd. ICA-D350-607 Revision 5, dated December 2, 2013 or later TCCA accepted revision.

Operation of the Heli-Utility Basket and Long Cargo Tube kits on AS 350 models must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D350-607 Revision G, dated December 6, 2013 or later TCCA approved revision.

Operation of the Heli-Utility Basket and Long Cargo Tube kits on AS 355 models must be in accordance with TCCA approved Dart Aerospace Ltd. Flight Manual Supplement FMS-D355-607 Revision G, dated December 6, 2013 or later TCCA approved revision.

- See Continuation Sheet -



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.

Scott W. Wales
For Minister of Transport

Canada